

Uniden®

PRO 340XL CITIZENS BAND RADIO

OPERATING GUIDE

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*Features, Specifications and availability of Optional Accessories
are all subject to change without notice.*

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Introduction

Welcome to the world of CB radio communication. Your Uniden **PRO 340XL** represents the most advanced portable radio ever designed for use in the Citizens Band Radio Service. This powerful unit operates on any of the 40 AM frequencies authorized by the Federal Communications Commission (FCC).

Among its many features, the **PRO 340XL** includes:

- Superheterodyne circuitry to enhance receiver quality.
- Phase Locked Loop Synthesizer techniques to assure precise frequency control.
- Operation that allows you to power the radio with 8 AA alkaline batteries.

This radio has been type accepted and fully certified by the FCC.

WARNING

The Citizens Band (CB) Radio Service is under the jurisdiction of the Federal Communications Commission (FCC). Any adjustments or alterations which alter the performance of the transceiver's original FCC type acceptance, or change the frequency determining method, are strictly prohibited. Replacement or substitution of crystals, transistors, ICs regulator diodes, or any other part of a unique nature, with parts other than those recommended by Uniden may cause violations of the technical regulations of Part 95 of the FCC rules or violation as type acceptance requirements of Part 2 of the rules.

Unpacking Your CB Radio

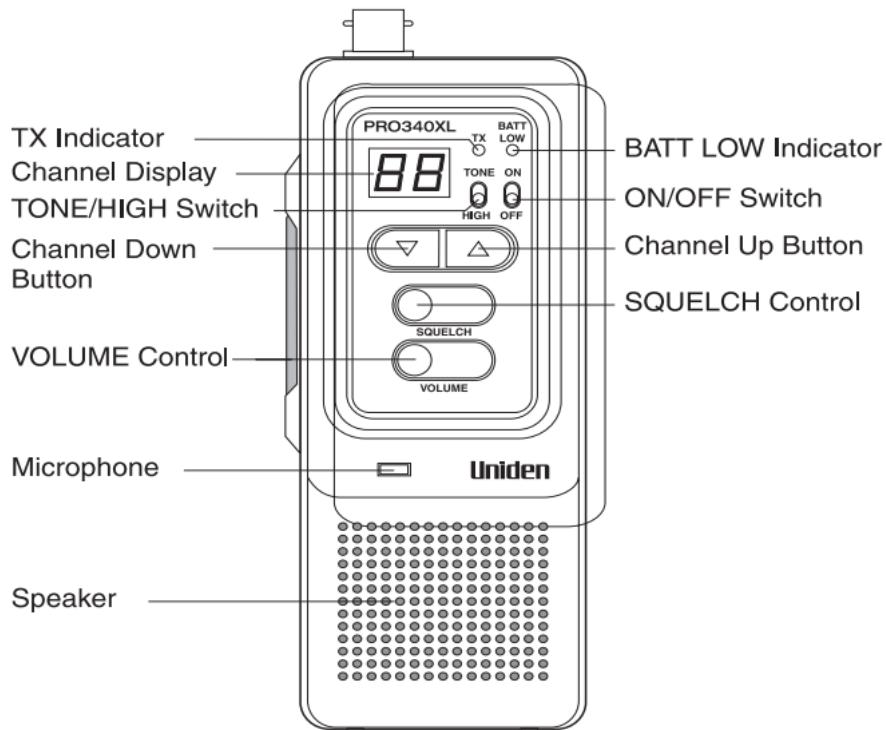
Carefully unpack your **PRO 340XL** and check the contents against this list:

- (2) **PRO 340XL** Portable CB Radios
- (2) Flexible Antennas
- This Operating Guide (Read it carefully and save)
- Part 95 Subpart D (FCC Rules)
- Product Registration Card

If any items are missing or damaged, contact your place of purchase immediately.

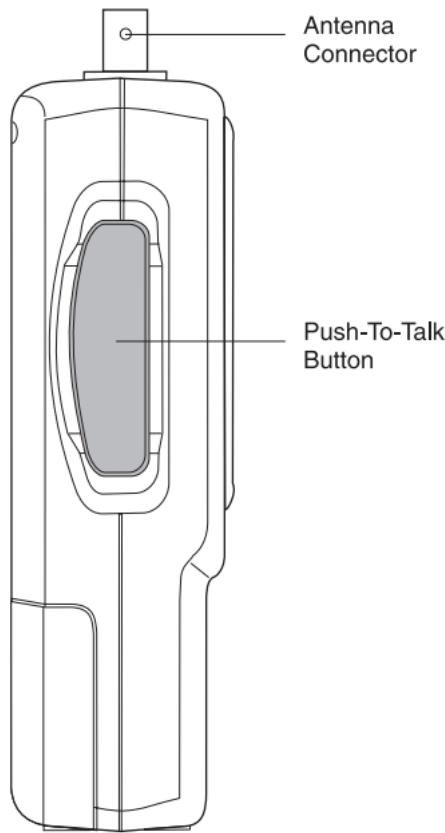
Be sure to complete and mail in the Product Registration Card

Controls And Functions



Front View

TX Indicator	— LED lights to indicate when the radio is transmitting.
BATT LOW Indicator	— Lights when the batteries become weak and need to be replaced.
Channel Display	— A large LED display shows the current channel in use.
TONE/HIGH Switch	— Reduces high tones in the speaker in the TONE setting.
ON/OFF Switch	— Turns the radio on and off.
Channel Selector	— Selects any of the 40 CB channels.
SQUELCH Control	— Adjusts the squelch level.
VOLUME Control	— Adjusts the volume level.
Microphone	— Transforms speech into transmission signals.
Speaker	— Produces audible signals from incoming transmissions.



Side View

Antenna Connector

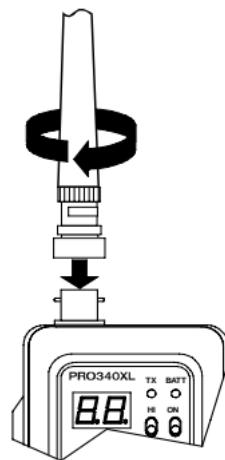
- Provides a connection for the supplied flexible antenna

Push-to-Talk Button

- Switches the CB from receive to transmit mode.

Connecting the Antenna

1. Align the two keys on the PRO 340XL antenna connector with the key slots in the base of the flexible antenna.
2. Push the base of the flexible antenna down onto the antenna connector.
3. Twist the base clockwise to lock the antenna in place.

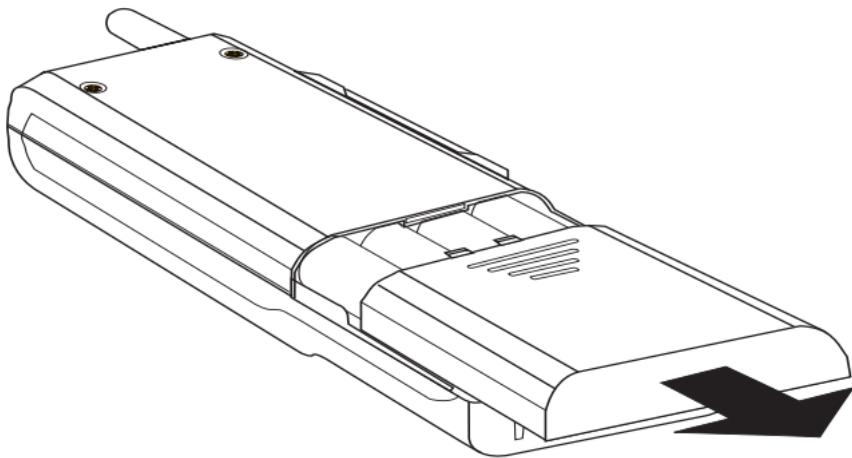


Power

Power is supplied by (8) AA 1.5 volt alkaline batteries.

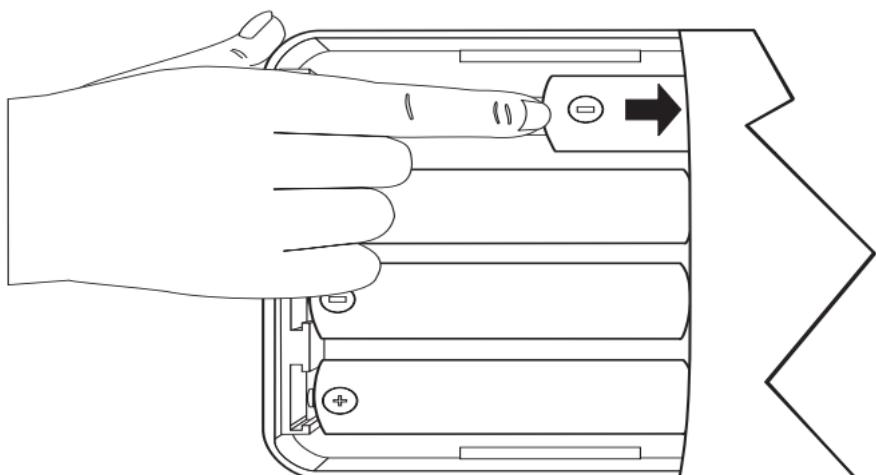
Installing Batteries

1. Slide the cover off the back of the PRO 340XL.

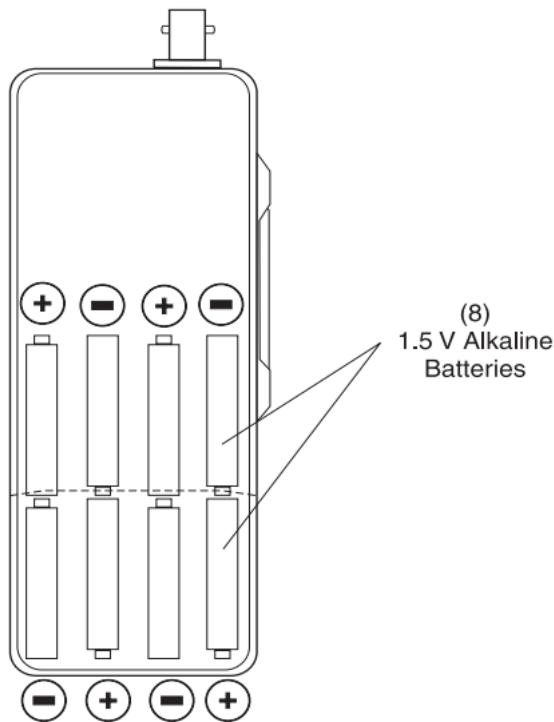


2. Insert 8 alkaline batteries into the battery compartment as shown.

NOTE: Be sure to insert each battery with the proper polarity, as marked in the battery compartment.



Follow this diagram for correct alkaline battery placement.



3. Replace the cover.

NOTE: When the batteries become weak, the **BATT LOW** indicator will light. Be sure to replace the batteries as soon as possible.

Operation

Before operating the PRO 340XL:

1. Be sure you read and understand Part 95 of the FCC Rules and Regulations.
2. Be sure that the batteries and antenna are properly installed.
3. Turn the unit on by sliding the power switch up to the **ON** position.

Receive

1. Use the Up/Down channel keys to select any of the 40 channels. Press once to change one channel at a time. Press and hold to rapidly change channels.
2. Set the **VOLUME** control to a comfortable listening level.
3. Adjust the **SQUELCH** control to eliminate background noise during the absence of a signal. Move **SQUELCH** to the right until the noise disappears (no signal should be present). Leave the control at this setting. The receiver will remain quiet until a signal is actually received.

NOTE: *Do not advance the control too far, or some weaker signals will not be heard.*

4. Set the **TONE/HIGH** switch to **TONE** if the received transmission has too much noise. This reduces the high tones.

Transmit

If the channel is clear, press the Push-To-Talk Button on the side of the unit. The **TX** indicator lights red. Be sure to speak clearly into the microphone.

IMPORTANT: *All channels, except channel 9, may be used for normal communication. Channel 9 is reserved by the FCC for emergency communications involving the immediate safety of individuals or the protection of property. Channel 9 may also be used to render assistance to a motorist. This is an FCC rule and applies to all operators of CB radios.*

Care And Maintenance

The **PRO 340XL** is designed to give you years of trouble-free service. There are no user-serviceable parts inside and except for the batteries, no maintenance is required.

NOTE: *Do not expose the unit to moisture. Rain, dew, road splash, or other liquids may damage the internal components.*

Replacing the Batteries

See "Installing Batteries." on page 5.

Troubleshooting

If the **PRO 340XL** does not perform to your expectations, please try the troubleshooting suggestions listed below. If you cannot get satisfactory results, call the Uniden Customer Service Center at:

1-800-297-1023,

7:00 a.m. to 7:00 p.m. CST, Monday through Friday.

Problem	Suggestion
Unit does not power on.	<ul style="list-style-type: none">• Check the battery connections.• Check for weak or dead batteries.
Poor reception.	<ul style="list-style-type: none">• Check and adjust the SQUELCH.• Check the antenna connections.• Check for weak batteries.
Weak Transmission.	<ul style="list-style-type: none">• Check the antenna connections.• Check for weak batteries.

Servicing Your CB

If service is necessary, contact your local Uniden dealer or return the product in its original carton. If you are shipping the item, enclose a brief description of the problem along with a copy of the original purchase receipt. Send the product to the address listed in the Warranty (at the end of this manual).

It is the user's responsibility to see that this radio is operating at all times in accordance with the FCC Citizens Band Radio Service regulations. We highly recommend that you consult a qualified radiotelephone technician for service and alignment of this radio.

When ordering parts, please specify the correct model and number serial of this radio.

Please refer to the "WARNING" information at the front of this manual.

Specifications

Channels:	40 AM
Frequency Range:	26.965 to 27.405 MHz
Frequency Control:	Phase Locked Loop (PLL) synthesizer
Frequency Tolerance:	+0.005%
Operating Temperature:	-22 ° F to +122 ° F
Microphone:	Electret type (Built-in)
Input Voltage:	12.0 VDC nominal (negative ground)
Current Drain:	TX: Full modulation, 1.4A RX: With maximum audio output, 0.5A
Size:	2-5/8" (W) x 1-1/2" (D) x 5-1/2"(H)
Complete Package:	1 lb. 5 oz./ (3 lbs. for both radios)
Antenna Connector:	BNC
Transmitter	
Power Output:	4 watts
Modulation:	Class B amplitude modulation
Frequency Response:	300 to 3000 Hz
Output Impedance:	50Ω unbalanced
Receiver	
Sensitivity:	0.7 µV for 10 dB; (S+N)/N typical
Selectivity:	6 dB @ 7 kHz, 70 dB @ 10 kHz typical
Image Rejection:	75 dB typical
IF Frequency:	Double Conversion Superheterodyne 1st: 10.695 MHz 2nd: 455 kHz
Automatic Gain Control: (AGC)	Less than 10 dB change in audio output for inputs from 10 to 50,000µV
Squelch:	Adjustable; threshold less than 1 µV
Audio Output Power:	0.5 watts max. into 8Ω
Frequency Response:	300 to 2500 Hz
Distortion:	Less than 10% at 0.4 watts, 1000 Hz
Internal Speaker:	16Ω , 0.5 watts round

*Specifications shown are typical and subject to change
without notice.*

Two Year Limited Warranty

Important: Evidence of original purchase is required for warranty service.

WARRANTOR: UNIDEN AMERICA CORPORATION (Uniden)

ELEMENTS OF WARRANTY: Uniden warrants, for two years, to the original retail owner, this Uniden Product to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

WARRANTY DURATION: This warranty to the original user shall terminate and be of no further effect 24 months after the date of original retail sale. The warranty is invalid if the Product is (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, subassemblies, or any configurations not sold by Uniden, (C) improperly installed, (D) serviced or repaired by someone other than an authorized Uniden service center for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by Uniden, or (F) installed or programmed by anyone other than as detailed by the Owner's Manual for this product.

STATEMENT OF REMEDY: In the event that the product does not conform to this warranty at any time while this warranty is in effect, warrantor will either, at its option, repair or replace the defective unit and return it to you without charge for parts, service, or any other cost (except shipping and handling) incurred by warrantor or its representatives in connection with the performance of this warranty. Warrantor, at its option, may replace the unit with a new or refurbished unit. **THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO THE PRODUCT AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OR PAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Some states do not allow this exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty is void outside the United States of America.

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY:

If, after following the instructions in the owners manual you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). The Product should include all parts and accessories originally packaged with the Product. Include evidence of original purchase and a note describing the defect that has caused you to return it. The Product should be shipped freight prepaid, by traceable means, to warrantor at:

Uniden America Corporation

Parts and Service Division

4700 Amon Carter Boulevard

Fort Worth, TX 76155

(800) 297-1023, 7AM to 7PM Central Time, Monday through Friday

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